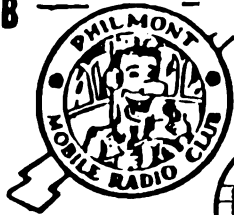


PHILMONT MOBILE RADIO CLUB
W3RQZ•W3TKQ•W3QV

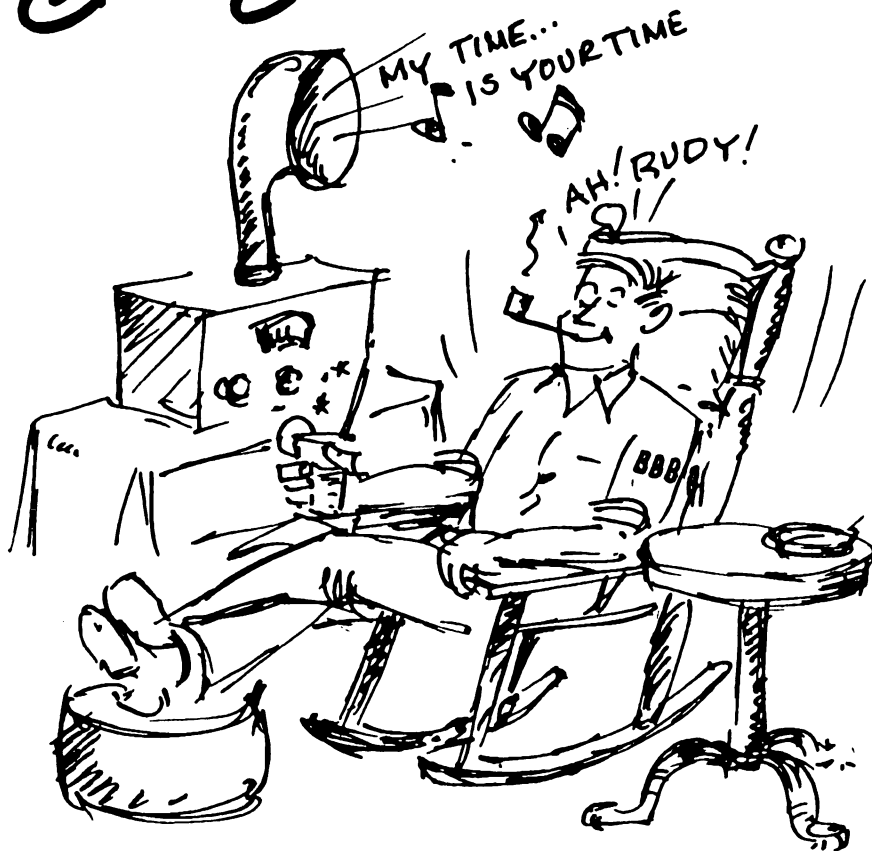


1993

BLURB

June

THE
GRAND
OLD HAM

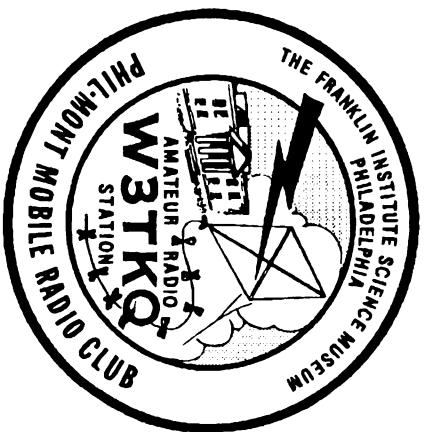


GRAND OLD HAM AWARD
TO JIM SPENCER of ARRL
HAMFEST, ROCHESTER N.Y.

THE BLURB

A Publication of

THE PHIL-MONT MOBILE RADIO CLUB, INC.
2113 EDGEHILL DRIVE, FURLONG, PA 18925



FIRST CLASS MAIL

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. *BLURB* subscriptions are available to non-members for \$10.00 addressed to the Treasurer. The club meets at 7:30 PM on the first non-holiday WEDNESDAY of every month at **The Franklin Institute Science Museum, Benjamin Franklin Parkway at 20th Street, Philadelphia.** Enter from Winter Street, or parking garage.

ALL VISITORS ARE WELCOME!

Amateur Radio License Examinations - the first non-holiday Thursday of every month at **The Franklin Institute Science Museum—doors close at 6:30 PM-SHARP!**

CLUB INFORMATION

24-Hour Information Number at W3TKQ - **(215) 448-1139**
Repeater frequencies: 147.03 Hz (Roxboro input requires no PL)

PL required for off-site receiver (OSR) access:

Bucks County 131.8 Hz

Center City 103.5 Hz

Lansdale 114.8 Hz

444.80 MHz (186.2 Hz PL)

Simplex frequency: 147.51 MHz

Packet BBS frequency at W3TKQ: 144.99 MHz

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee W3PWG

LICENSED AMATEURS ARE ALWAYS WELCOME TO OPERATE W3TKQ.

OFFICERS

PRESIDENT: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095 (215) 572-5238

VICE PRESIDENT: N3GMH, Paul Policarpo, 2425 S. 21st Street, Philadelphia, PA 19145 (215) 465-2247

SECRETARY: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061

TREASURER: W3IIN, Jinny Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

DIRECTORS

W3BBB (94); K3FVI (94); AK2I (93); N2RM (93); W3IIM (A); K3KUD (A); W3RM (A)

COMMITTEES

Archives:	W3IIN	Emerg. Coord.:	W3BBB	Repeater:	W3BBB
<i>BLURB</i> :	W3IIM	Membership:	AA3BB	Special Events:	KA3EBC
<i>BLURB</i> Folding:	WB3KOJ	Net Control:	KB3IV	VE Program:	ND3Q
Budget /Audit:	K3KUD	Program:	N3GMH	TVI:	W3VVS
Directory:	WB3KOJ	Publicity:	N3IEI	W3TKQ:	W3PWG
Education:	N3FTZ	Refreshments:	N3FVI	Welcome:	N3KGG

Special Liaison to The Franklin Institute Science Museum: AK2I

BLURB STAFF

Editor: W3IIM, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

Artist: Sam Kuncovich

Labels: WB3KOJ

Publisher/Typist: W3IIN

DEADLINE: To be assured of publication in the current month, all copy **MUST** be in the hands of the Editor at the Bored of Directors' Meeting!

NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET
LAST WED	20:00	147.030	MHz FM	W3TKQ OPERATORS' NET



APPLE BYTES

Don Gordon, WB3KOJ

JUNE BIRTHDAYS

03 Sandy Lewis (XYL N3DGU)
Bob Whelan - KB2GAJ*
04 Dick Moll - W3RM
Sue Matney Sadwin - N2CYA
05 Bud Heilbron W3ISN
06 Chuck Hillman K3QLY
Joe McQueen - W3PCX
09 Mike McLaughlin - WB3JHX
11 Wally Newell K3JJO
Marc Zaharchuk WA3CRM
12 Tony DiBenedetto - K3GYK
Miriam Elmaleh K3UJI (XYL K3HIJ)
13 Barry Brenner N3FYH
14 Larry Potts - N2MAW*
19 Marie Rhoads (XYL ND3Q)
21 Lorraine Kovalchek (XYL AK2I)
Jim Rorick - N3GEN
23 Frank Cook - KB3CT
24 Walt Bardsley - K3OJA
26 Rick Apfel - N2JFF
27 Sylvia Soss (XYL N3AN)
28 Betsy Reichert N3EBE
30 Mike Lenczynski KA3EIP
*Indicates New Member 1992-93

HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership?

Remember: The ARRL is more than just a magazine subscription!

Help PHIL-MONT by joining or renewing through the club.

Contact Jinny, W3IIN, for the details.

MEMBERSHIP STATS

At press time P.M.R.C. has:

157 FULL PAID MEMBERS

14 FAMILY MEMBERS

3 HONORARY MEMBERS

2 PENDING MEMBERS



Our Founder



The PREZ SEZ

Ed Masarsky, KB3IV



Things are happening this month for Phil-Mont. On Wednesday, June 2, we will have our annual Family Night at the Omniverse Theatre. We have arranged a special screening of "The Tropical Rain Forest" for Phil-Mont members and their families and guests. Tickets are 1/2 price, \$4, for all attending this evening only. We will meet at the usual time, 7:00 PM, in Choices Forum for refreshments and a very, very short meeting. (Not more than 10 minutes, I promise.) There is no limit to the number of guests you may bring. We have plenty of room. Please try to have exact change for your admission sticker. All stickers will be sold downstairs at the entrance to the theatre just prior to the showing. I hope to see a great turn out and promise you an exciting film experience.

On Sunday, June 6, Phil-Mont will again participate in the Core States Bike Race. This is a world class event attracting teams from the U.S and many other countries. The race is exciting, colorful, and showcases the positives of Philadelphia and its people. Those of you who wish to participate please contact Charlie KA3EBC, Bill N3FVI or me.

I want to take a moment to say Bon Voyage to Jake, AK2I, and Lorraine, who are setting out on their adventurous journey with the Wally Byam Caravan Club. They will be traveling to Alaska towing an Air-stream trailer loaded down with Amateur Radio equipment., I'm sure we will be hearing them on the air many times during their trek. Have a great trip. [See net info in this issue—Ed.]

I know that there will be other articles in the BLURB this month on this subject, but I would like to add my own comments. The "Grand Old Ham" award for 1993 was presented on May 22, to Jim Spencer, W3BBB, at the Rochester Hamfest. I know of no one more deserving, and offer Phil-Mont's, and my own personal, congratulations to Jim.

Jim, you have one month to bask in the glow of this moment, then it's back to reality. Everyone is sharpening up their spear again.

All kidding aside, Phil-Mont is very lucky to have such dedicated member as Jim.



W3QQH open for business!

LOOKAHEAD

June 2 General Meeting Program:

Family Night

at

The Omniverse Theatre

"The Tropical Rain Forest"

Refreshments at 7, Film at 8.

Purchase tickets at the door.

(Tickets are 1/2-price, at \$4)

June 3 License Examinations

June 6 CORESTATES Bike Race

June 16 Directors' meeting at

W3BBB's

June 26-27 "Field Day"

July 1 License Examinations

July 7 General Meeting Program:

"The Official Observer Program"

by Bill Mannino, WA3NSP, OO

July 14 Directors' meeting

July 18 Cancer Society Bikeathon

HAMFESTS

Jul 25 TIMONIUM, MD
Brats' Hamfest

Aug 8 WARRINGTON, PA
Mid-Atlantic ARC

Aug 15 EASTON, PA
Delaware-Lehigh ARC

GEORGETOWN, DE
Delmarva

Aug 21-22 VALLEY FORGE, PA
HamShows

Aug 29 MULLICA HILL, NJ
Gloucester County ARC
(Note new date)

Sep 12 GAITHERSBURG, MD
Foundation for Amateur Radio

Sep 19 PENNSAUKEN, NJ
South Jersey Radio Association

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring a their original license and one photocopy of it. All applicants, including children, must present positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1993 test fee is \$5.60; there is no charge for a Novice test.

Monthly, 1st Thursday
The FRANKLIN INSTITUTE
Dusty Rhoads, ND3Q
(215) 482-0386
(215) 879-0505

Monthly, 3rd Thursday
BELLMAWR, NJ
Bill Helmatag
(609) 546-7710

Irregularly
BRYN MAWR
Bob Lees
(215) 265-6032

Monthly, 1st Thursday
LEVITTOWN
Dave Heller, K3TX
(215) 946-1040
(215) 736-3333

Irregularly
LINWOOD, PA
The 96 Over The Hill Gang
(215) 497-5795

Monthly, 3rd Wednesday
MORRISVILLE
Dave Munson, NM3K
(215) 788-7515

Monthly, 1st Monday
POTTSTOWN
Warren Erdman K3ZXQ
(215) 679-5764

Monthly, 3rd Monday
TELFORD
Warren Erdman K3ZXQ
(215) 679-5764

Monthly, Last Saturday
UNIVERSITY OF PA
Garrett Klein, WZ3G
(215) 898-8538 shack
(215) 222-8752 home

Odd Months, Last Wednesday
WARMINSTER
Tom Michaud, WA3TQJ
(215) 343-3494

AMATEUR RADIO CLUB OF THE WALLY BYAM CARAVAN CLUB INTERNATIONAL, INC. INTERNATIONAL RECREATIONAL VEHICLE SERVICE NETS

The Amateur Radio Club of the Wally Byam Caravan Club International, Inc. is the sponsoring organization of the "International R-V Service Net System."

The Amateur Radio Club was formed in 1963 by Earl Johnston, WOICV, as the "Airstream Net." At that time its membership consisted of hams who owned Airstream travel trailers and were members of the trailer club which was formed by, and named after, Wally Byam, the originator of the Airstream travel trailer. In recent years, the club has reorganized and expanded its operations in order to serve all amateurs interested in Recreational Vehicles and in travel.

The Amateur Radio Club of WBCCI is chartered under the Wally Byam Caravan Club International, Inc. as an "Intra club." The parent organization exercises no control over our operations as a radio club except during periods in which we provide our services at their official functions. The club has been approved by the IRS as a non-profit organization.

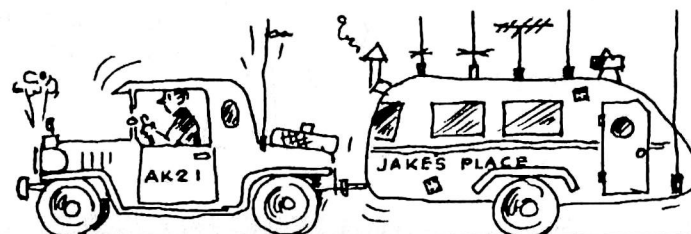
Desiring to include any hams who are interested in travel and camping, and in providing much needed emergency public services in amateur radio fields, our Charter and Bylaws provide for inclusion of non-WBCCI member hams as NET MEMBERS in the radio club membership. It is not necessary to own an Airstream or any other type R-V to enjoy the benefits of being a NET MEMBER or to join the ARC. However, those who are members of WBCCI are classified as MEMBERS. Because of the sponsoring organization's affiliation with the WBCCI, we are limited in our charter to MEMBERS in the selection of club officers. Otherwise all MEMBERS and NET MEMBERS share equally in meetings, Ham-A-Rallys, Nets, and in the control and operation of them.

As a non-profit organization, the purposes of the club are: (1) service to the public, (2) furtherance of public welfare by relaying messages via ham radio in time of need and emergency, (3) promotion of education and interest in the sciences of amateur radio, (4) promotion of fellowship and good will among all radio amateurs and the public.

Any licensed amateur radio operator is welcome to participate in any of the R-V Service Nets which we sponsor.

OPERATING SCHEDULE OF INTERNATIONAL R-V SERVICE NETS

East & Central U.S. & Canada	0700-0900 E	Daily	7.233 MHz
New England States	0800-0900 E	Sun. only	3.963 MHz
Central U.S.	1700-1730 C	Mon.-Fri.	3.895 MHz
Rocky Mountains	0800-0930 M	Mon.-Fri.	7.263 MHz
Pacific Coast	1000-1100 P	Mon.-Fri.	7.263 MHz
U.S., Canada & Mexico	1200-1300 E	Mon.-Fri.	14.308 MHz
	1700-1800 E	Mon.-Fri.	14.308 MHz



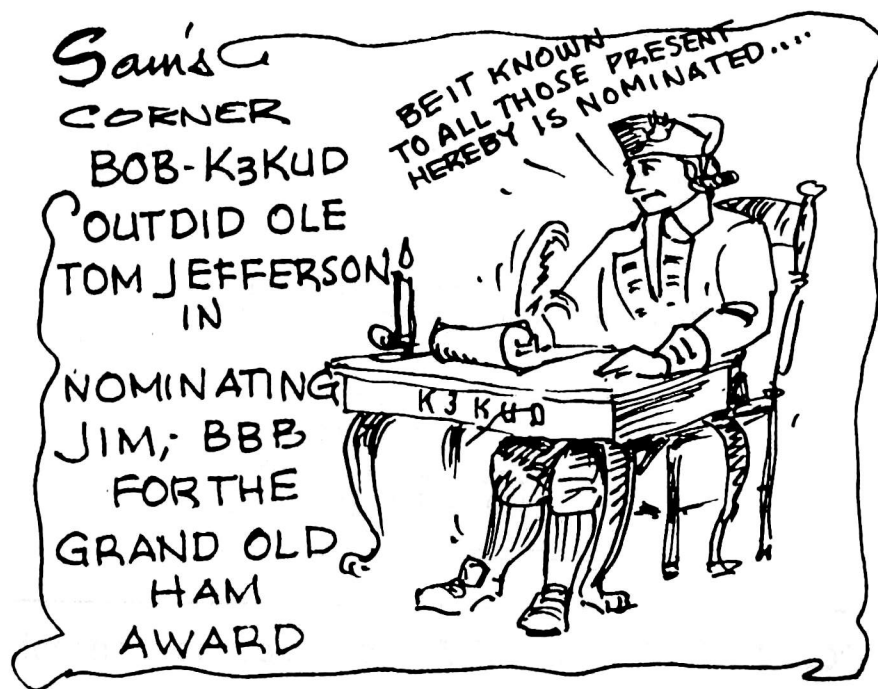
Is it really W3QQH, or maybe N3DHI in disguise?



Probably the last time that Vibroplex ever saw use!—1950



... and this is a field strength meter.



MINUTES

MAY GENERAL MEETING

Steve Hoch, WU3I, Secretary



KB3IV opened the 522nd at 7:37 pm in the Mussers Choices Forum.

W3IIN reported that expenses were five times that of income, but the treasury was on budget. All were reminded to renew their memberships to the ARRL through the club. Jinny then passed the mantle of responsibility of membership to **Bill AA3BB** who announced the three new members voted-in at the last Board meeting. They were; **N3HXV**, Boonsouk Singharath (**BOON**); **NZ3O**, Byron Peeples; and **N3OBT**, John Henry Hart. There will be three new members for next month.

KB3IV reminded all present of the June general meeting being family night, and the cost of \$4 for the showing of "The Tropical Rain Forest."

KA3EBC reported on the need for volunteers for the MS Spring Challenge 5/15 9am-1pm. Reminded of the Corestates Bike race 6/6 and the American Cancer Society Bikeathon 7/18.

N3KGG reported that there were 36 members and 12 visitors present. The visitors were James Lear, **KB3AIS**; Charlie Phelps, **N3OOV**; Geff Mendelson, **N3OWJ**; Ted Katz, **N3OWM**; Mike Fisher, **N3NJJ**; Dottie Scaldone, **K3YPH**; Tom Maresca, Bob Moore, Lynn Moore, Anthony Vece, Sean Sellers, and Lance Sellers.

W3BBB reported that the repeater was working.

K3KUD (in a rare appearance with **BBB**) reported on the selection of **W3BBB** as the Atlantic Division "Grand Old Ham" of the Year 1993, to be awarded at the Rochester Hamfest. This award is the result of **K3KUD**'s efforts in preparing the nomination documentation. Recent Honorees **AK2I** 1991. Best Wishes to Jim.

KA3WWK had the 50-50 drawn by **W3SGR** (another rare visit). The winner was **N3OWM**.

WU3I reported the receipt of newspaper clippings from the Main Line Times, and a thank-you book from the children of the Merion School via **W3LKI**, in thanks for the attempted contact with the Great American II off the coast of South America. It was reported last month that the children finally were in contact via a phone patch to their school where they found out we at **W3TKQ** were heard, but they were not able to respond.

KB3IV brought-up the subject of the amendment to the Bylaws. There was a brief discussion and **W3BBB** made a motion to refer the action to Committee. **KE3CZ** seconded.

KB3IV presented a short video tape of the STS-56 contact for those who were not able to attend the shot on April 14, 1993.

N3GMH introduced **WT3P**, Kay Craigie, Vice Director of the ARRL, with updates from Headquarters.

The Meeting was adjourned at 9:35 p.m.

MINUTES

Steve Hoch, WU3I, Secretary

KB3IV called the meeting to order at 8:20 p.m. at the home of W3GQD and his wife Jackie. Attending were KB3IV, W3IIM, W3IIN, WU3I, W3IRS, W3GQD, AK2I, and KE3CZ.

KB3IV reported on W3SGR and the big move. Carl is settled in and is on 2 Meters full quieting into Phil-Mont. HF antennas to follow. W3AA is reported to be hospitalized with a problem with his esophagus.

W3IIN reported that the income was double the expenses this month with the budget running true to form.

W3IIN for AA3BB on membership: with two new applicants to vote on this month; they are N3OOV, Carl Phelps; and N3LPM, Ian Hagerty. WU3I made the motion to accept the applicants, W3IIM seconded, there were no dissenting votes. There will be 5 published in the June BLURB.

KB3IV reported on the need for a 75-meters net control, as AK2I will be on the road (without Bob Hope) for a few months. Ed has already recruited a replacement for 2-meters.

KB3IV reported on the next upcoming special event, the Corestates Bike Race. Interested parties contact N3FVI or KB3IV. A discussion of the MS Bike Net followed.

W3IIM inquired on the preparation for the 100th volunteer examination session scheduled for August. (All VEs in tuxedos?) [Sounds like a photo-op for our publicity chairman!—Ed]

AK2I reported on W3TKQ. The '286 computer is ready to install in the console; awaiting W3BBB. The window for 10-160 meters must come down as it may not be suspended between the different buildings

MAY DIRECTORS' MEETING

(says The Institute). A new sign for the glass doors of the station, heralding "THE EXCITING WORLD OF AMATEUR RADIO" is in the design process. Bill Booth VP of exhibits has moved on to Cincinnati, and the status of the Armstrong Exhibit is unknown at this time. More to follow. Thanks to Henry Disston and Sarah Orleans for the help the night of the sleep-over for the SAREX contact. N3FVI and KB3IV will cover for AK2I as club liaisons to The Franklin Institute. WU3I suggested to secure the rear of the console to the technical staff only, following the recent loss of a cable from the PK-232 TNC.

A discussion led by KB3IV, with notes from K3KUD, was held on the Bylaws changes. A new proposal will be in a forthcoming BLURB.

NEW BUSINESS

KB3IV pointed out (to those of us who have been living in caves) that there was a new Convention Center opening this July. Ed pointed out that this will increase the number of visitors to the city, and that there will be more new voices on the repeater. In the newest edition of the ARRL repeater directory there are only four listings for 2-meter repeaters in Philadelphia County, and PMRC is one of them. Ed reported having been contacted by one Robin Masarsky (name sounds familiar) from the Philadelphia Visitors Guide to list the club and repeater under Amateur Radio in the Convention Center's Visitor's Guide.

W3IIM Made the Motion to close the meeting at 10:29 P.M. W3IIN seconded. There were none dissenting.



NEW MEMBER APPLICATIONS

CALL: KB3AIS
NAME: James Lear
HANDLE: Jim
CLASS: Technician
ADDRESS: 300 Kathmere Road
Havertown, PA
19083
HOME PHONE: (215) 449-8937
BUSINESS PHONE: (215) 981-4729
OCCUPATION: Mail Clerk
INTERESTS: W3TKQ

CALL: N3NJ
NAME: Michael Fisher
HANDLE: Michael
CLASS: Technician
ADDRESS: 4039 Chestnut St. Apt 215
Philadelphia, PA
19104-3024
HOME PHONE: (215) 386-3404
BUSINESS PHONE: (215) 898-1970
OCCUPATION: Word Processor
INTERESTS: BLURB folding, Welcome

CALL: N3OOL
NAME: William Kane
HANDLE: Bill
CLASS: Technician
ADDRESS: 7 Overhill Road
Upper Darby, PA
19082
HOME PHONE: (215) 352-2674
BUSINESS PHONE:
OCCUPATION: Retired
INTERESTS:

CALL: N3OWJ
NAME: Geoffrey Mendelson
HANDLE: Geoff
CLASS: Technician
ADDRESS: 36 East Willow Grove
Philadelphia, PA
19118
HOME PHONE: (215) 242-8712
BUSINESS PHONE: (215) 242-8712
OCCUPATION: Computer Programmer
INTERESTS: W3TKQ, Welcome

CALL: N3OWM
NAME: Theodore Katz
HANDLE: Ted
CLASS: Technician
ADDRESS: 5000 Cottage Street
Philadelphia, PA
HOME PHONE: (215) 288-4369
BUSINESS PHONE: (609) 234-5020
OCCUPATION: Engineer
INTERESTS: W3TKQ

CLUB INFORMATION

24 Hour Information Number at W3TKQ
(215) 448-1139

"DON'T TAILGATE... WAIT"—for the courtesy chime!

CA4-1740

"HAM" BUERGER'S

TU7-7350

QR NEWS

Electronic Equipment
Distributor

JUNE

HAM OF THE MONTH....



Clinton R. Spencer, Jr., W3QQH, better known as Jim, was first licensed in 1950. He served 3 years overseas in the Signal Corps and returned with a desire to get on the air. A Charter Member of the Phil-Mont Mobile Radio Club before he had a ticket, he has served as President, Sec'y, and member of the board of that organization.

His main activities center around 29493 kc with 2 meter and 6 meter F.M. as secondary interests. He has been responsible for getting more mobiles on the air, in the Philadelphia area, than any other single person.

His wife, Elaine, and their three children make the home QTH at 124 Central Avenue, North Hills, Pa. Open House at all times for ham visits.

W3QQH is self-employed as a Building Contractor, counting among his accomplishments The Franklin Institute Radio Station, W3TKQ, and its nearby Weather Station.

His advice- "You haven't really enjoyed ham radio until you've been mobile on Phil-Mont frequencies."



*Talk UP
Amateur Radio!*

97TH MONTHLY VE SESSION STATISTICS
MAY

28 candidates pass 20 elements
6 new amateurs plus 4 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

Bob Wilcox, KE3CZ; Ted Lada, N3FTZ; George Starks, AA2FU; Niel Leone, W3FZR;
Vince Righter, KE3HR; Steve Hoch, WU3I; Sal Valente, NS3Y

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH
Registration begins at 6:00 PM

Doors close at 6:30 PM sharp



THE FRANKLIN INSTITUTE
SCIENCE MUSEUM

For Information Call ND3Q at
(215) 482-0386 or 879-0505
Accessible by the handicapped.



CODE PRACTICE

Phil-Mont's sessions end on June 8, and
will resume in mid-September.

Warminster (147.09) has sessions on
most Thursdays at 8:30pm. 'Don't know
what their summer schedule is.

NEWSLETTERS EXCHANGED

Baltimore Radio Amateur Television Society (BRATS)
Chaverim of Delaware Valley
Cherryville Repeater Association (NJ)
Delaware-Lehigh Amateur Radio Club (DLARC)
Delmont Radio Club
Fort Myers Amateur Radio Club (Florida)
Marple-Newtown Amateur Radio Club
Mid-Atlantic Amateur Radio Club (MARC)
Mobile Sixers Radio Club
Penn Wireless Association
R F Hill Amateur Radio Club
Reading Radio Club
Sanibel Amateur Radio Emergency Unit (Florida)
Sussex Amateur Radio Ass'n (SARA) (Delaware)
The 96 Over The Hill Gang (New Castle, Delaware)
Tompkins County Amateur Radio Club (New York)
Warminster Amateur Radio Club
Worldradio Magazine
Exchanges with additional parties are welcomed.

NEW TECH VIDEO

At Dayton, ARRL introduced a new Technician Class Video Course. It's produced by a company that specializes in exam preparation video courses. The package consists of 3 video cassettes, a 164-page booklet, the whole question pool, and 6 practice tests. Some special Dayton offers, including a trial ARRL membership and a computer program for reviewing the test material, may still be available when you read this. Call 1-800-32-NEW-HAM for more info and to order the course. The League guarantees users of this course will pass the test within one year of purchase ... or return it for a full refund.

MARC

1-800-32-NEW-HAM

GRAND OLD HAM W3BBB/W3QQH

One evening in 1949 five hams met to socialize and talk about their hobby. From that meeting emerged The Phil-Mont Mobile Radio Club and the man who today, after 43 years of continuous active membership and service, is truly a Grand Old Ham. That man is Clinton R. (Jim) Spencer, W3BBB (originally W3QQH).

As Phil-Mont grew and prospered, Jim Spencer was in the forefront of the club's pursuit of the rapidly expanding "state of the art" in electronics and the transition to solid state devices. During this period Jim, and wife Elaine, raised three children (son Rick is N3DHI), and built a successful contracting business, all the while maintaining the balance necessary to give his family, business, and hobby his attention.

Being a mobile radio club, Phil-Mont has, through the years, provided and equipped five Mobile Communications Vehicles, ranging from trailers to vans to a converted school bus (one of the vans was featured on the cover of CQ magazine in March, 1957). The units were equipped for operation on all amateur frequencies as well as complete integration with police and fire emergency services, and served as the communications center for all services in SET exercises in Philadelphia; the Philadelphia Distance Run; Boy Scout canoe races on the Delaware river, a two-day event where both timing data and emergency calls were handled; Field Day operations; and as Communications Center at Willow Grove Naval Air Center for several Model Airplane National Championship events. The last unit, "MOCOM-V", is now in use as the Abington Township, Pennsylvania emergency service vehi-

cle. Each of these units was largely designed, and completely built by W3BBB.

Much of Phil-Mont's excellent relationship with both local and municipal emergency services stems from the fact that, in addition to his amateur radio activities, Jim Spencer was also a long-time member of the Abington Township fire department, and willingly provided his expertise and assistance in the procurement of equipment, and the setting-up and use of fire radio communications from its inception in Montgomery County, PA until a well managed, comprehensive system was achieved.

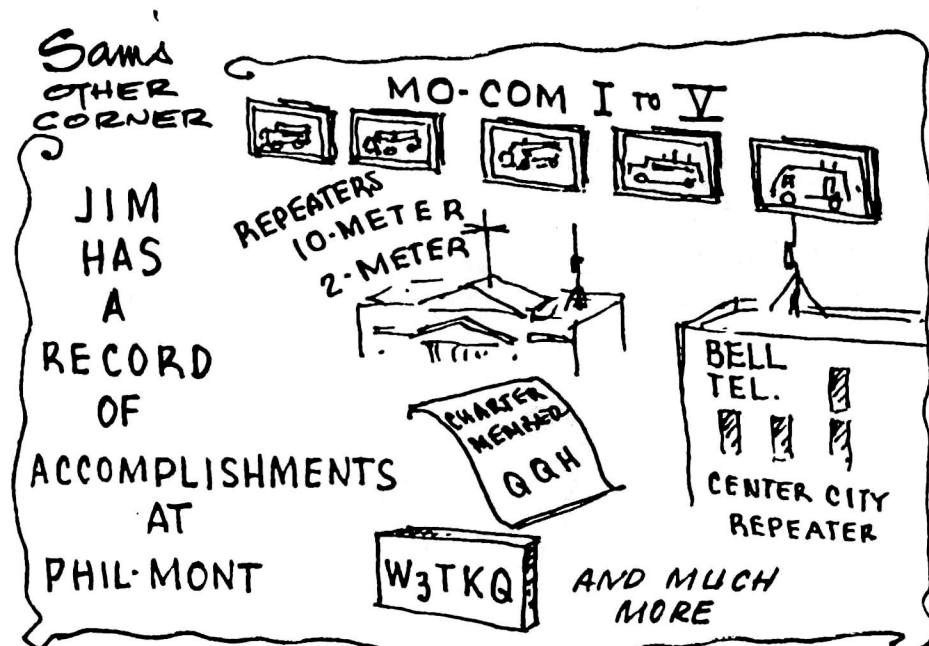
In 1960 Phil-Mont became associated with The Franklin Institute in Philadelphia, and took over sponsorship of the demonstration station, W3TKQ. Combining his vocation and avocation, Jim designed and built a glass enclosed modern station featuring multiple operating positions, a back-lighted world map and external speakers which permitted visitors to see and hear the location and content of contacts. 30 years later, in 1990, Phil-Mont was still associated with The Franklin Institute Science Museum when a "new W3TKQ" was proposed.

This station, once again largely the result of Jim Spencer's application of vocation and avocation, has won acclaim as one of the most beautiful, best equipped amateur stations currently in existence. The console, featuring 7 operating positions, was designed and built by Jim, and much of the electrical and electronic installation was also his responsibility. The station was featured on the cover of QST with an accompanying article in July, 1992.

Jim has served Phil-Mont 10 times



Jim's shack in the early years



Special Thanks to all of our members who gave up their time and equipment on Sat May 15th. They are Dave N3KGG, Ted N3NRU, Steve WU3I, Barbara AA3DV, Russ AA3CH, Bob KB2ERL and last but not least Ted's friend Rosa.

I would also like to thank the Phil-Mont Mobile Radio Club, on behalf of the M.S. Society, for allowing the repeater to be used for the Spring Challenge Bike Tour. The tour was a success, and we had no injuries that required major medical attention.

Thank you for your help. KA3EBC

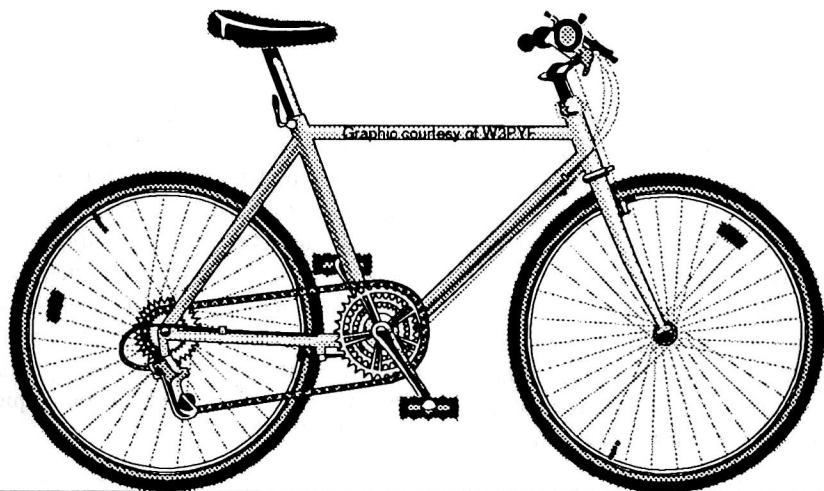
Volunteers Needed for the Core States Bike Race on June 6th. If you can help, please contact Bill, N3FVI or Charlie, KA3EBC.

"A RIDE FOR THE CURE"

Dear Public Service Communications Operator:

Once again we ask you to give of yourself and join us in the spirit of amateur radio to help us with The American Cancer Society Bike-A-Thon. This year's bike tour will be held on Sunday July 18. The cyclists will leave from The Liberty Bell in Philadelphia promptly at 0700 hours, and proceed across The Ben Franklin Bridge on their 100 KM ride through South Jersey to the Atlantic City Race Track.

We need communication operators in the following positions: ambulances, sag wagons, rest stops, check points, and end point. Please contact Charlie, KA3EBC as soon as possible. All spots are assigned on a first come, first served basis. T-shirts will be provided for identification.



as one of the four major elected officers, and still serves as a Director. He has also been the recipient of many club awards for his untiring interest and work on behalf of the club. As chairman of the Repeater Committee since its inception, he has been responsible for the building, installing, and maintaining of repeaters starting with 10 meter AM to the present VHF/UHF multiple input set-up, which has the reputation among both local and visiting hams of being a technically excellent and socially friendly, open repeater.

The maintenance of the main site equipment, as well as the three off-site inputs, is still handled by Jim, now with assistance from his son Rick, N3DHI, whose knowledge and ability reflects his "home brew" training.

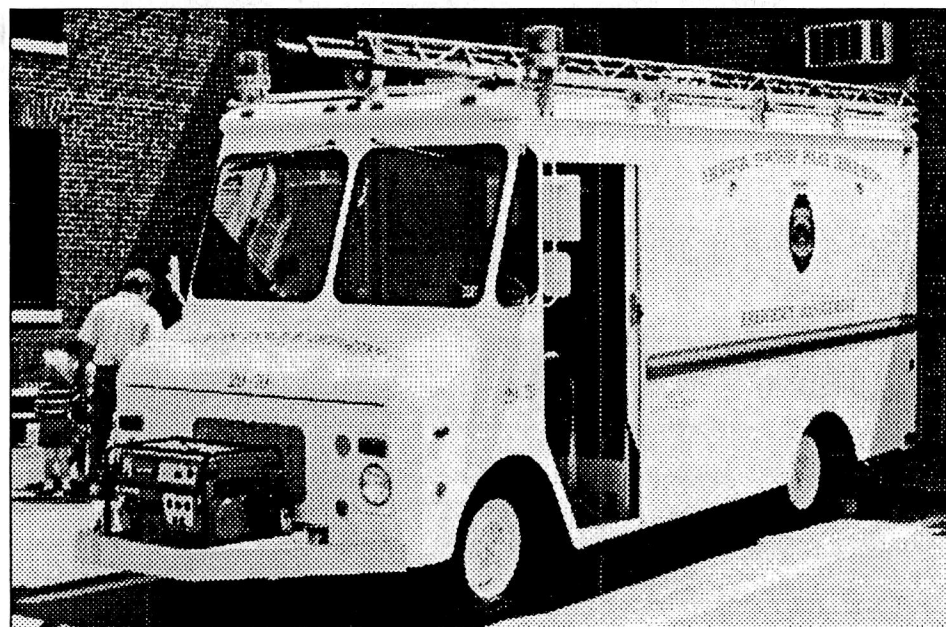
Jim always finds time to monitor 147.03 MHz, to offer greetings, information, or assistance to those who use the

repeater.

After 43 years of continuous service to Phil-Mont and the area amateur community, Jim Spencer is an active, driving force in the club, but more importantly, his reputation for cooperation with other clubs, his willingness to share his knowledge and abilities with anyone who indicates the need for assistance, is proof of his devotion to amateur radio. Jim Spencer, W3BBB, is indeed a Grand Old Ham, and is a major reason that The Phil-Mont Mobile Radio Club enjoys the reputation of being a progressive "state of the art" club and a great group of hams.

Based on the foregoing information and personal knowledge of a truly outstanding man and representative of the amateur radio community, we place Jim Spencer, W3BBB in nomination for the ARRL Atlantic Division "Grand Old Ham" award for 1993.

K3KUD



MO-COM #5 Today
Serving Abington Township's Emergency Management Program.



MO-COM #1—1953



MO-COM #4—1967-1979

A REPORT ON PROPOSED LAND MOBILE CHANGES

The FCC has proposed a \$40B economic stimulus package for the land mobile radio industry through a rewrite of the Part 90 rules. The new Part 88 would completely replace Part 90 and represents sweeping changes in the regulations governing public safety, land transportation, business and industrial radio services. Amateur radio is regulated under Part 97 of title 47 of the Code of Federal Regulations and, while the changes will not directly affect amateur radio, there may well be some significant indirect ones.

Virtually every radio currently operating in land mobile below 512 MHz would need to be replaced by 1996 to meet new bandwidth requirements in the new rules. Costs estimated to industry may be up to \$40B and implementation of the new regulations is likely to create a bonanza of surplus base, mobile, portable and repeater equipment.

An important goal of the proposed FCC regulations is to create greater spectrum efficiency to accommodate new users and to make room for new uses of radio. This would be accomplished by reducing channel width and by encouraging radio end-users to move from small, privately-owned systems to large, spectrum-efficient systems run by service providers or "carriers." Conventional single user and shared systems are not as spectrum-efficient as analog trunking and digital modulation systems with their newer technology and economies of scale.

Some view the effect of the changes to be handing the radio spectrum over to service providers with end-users being forced to pay for air time, rather than having continued direct access to the airwaves for their own systems.

Several specific points:

- 150-174 MHz users will need to reduce deviation from 5 to 3 kHz by 1996 and to 2 kHz by 2004. (421-512 MHz users will have to reduce deviation to 2.5 kHz). Radios will need to be replaced to accommodate narrower channel spacing and most signalling formats, including paging, will not work reliably at the new lower deviation levels, creating some problems.
- Clear channel allocations will be strictly limited and will result in crowding of conventional users on fewer channels.
- A reduction in repeater transmitter power will be based on HAAT. A typical mountain-top repeater would be limited to 5W ERP, making private and shared repeaters useless.

As a result of these proposed changes, amateurs willing to use 5 kHz deviation analog FM for their repeaters may find some outstanding commercial equipment available at fire sale prices.

(The above article was adapted from one appearing in ACC Notes, a publication of Advanced Computer Controls, Inc., manufacturers of ACC repeater controllers).

Delmont's Rag Chew

YOIC

THE YOUNG OPERATORS INTERNATIONAL CLUB

For the under thirty crowd, a new organization has been formed by WB9QFW Mike Pagel. The group will publish a newsletter or magazine, and is dedicated to helping young hams communicate with each other. Mike can be contacted at the University of Wisconsin, Stevens Point, WI 54481 for more information. Send a short letter about yourself (and a picture if you like) with your request.

Cherryville RA's UP-LiNK

THE W 3 T K Q REPORT

by
Jake Kovalchek,
AK2I

Security—A Growing Issue

Recently we've had some problems at the station., and I must begin to show some concern for the equipment, and for the future of W3TKQ.

A cable running from the PK232 TNC to the Icom-970 has been forcibly removed and taken from the shack. I prefer to think that someone from our audience went behind the console, and for some reason chose to steal the cable from the TNC. I know not why. If this was the first incident, I would not be too concerned, but it's not the first. It appears now to be less than isolated, and we must react.

I am asking, through the Board of Directors, that we make plans now to provide security doors on either side of the console, to secure it from further infiltration. The repair-committee members will be the only members to provide adjustments and/or repairs.

Each volunteer at the station must be more aware from this point forward, so that we limit the degree of temptation to our audience, which must be kept away from the equipment and from behind the console at all times. And under no circumstances is anyone, other than the committee members, allowed to browse behind the console.

We have no insurance to cover us in these incidents, therefore all expenses incurred by theft and breakage will have to come from our current maintenance fund; in other words, from our own pocket.

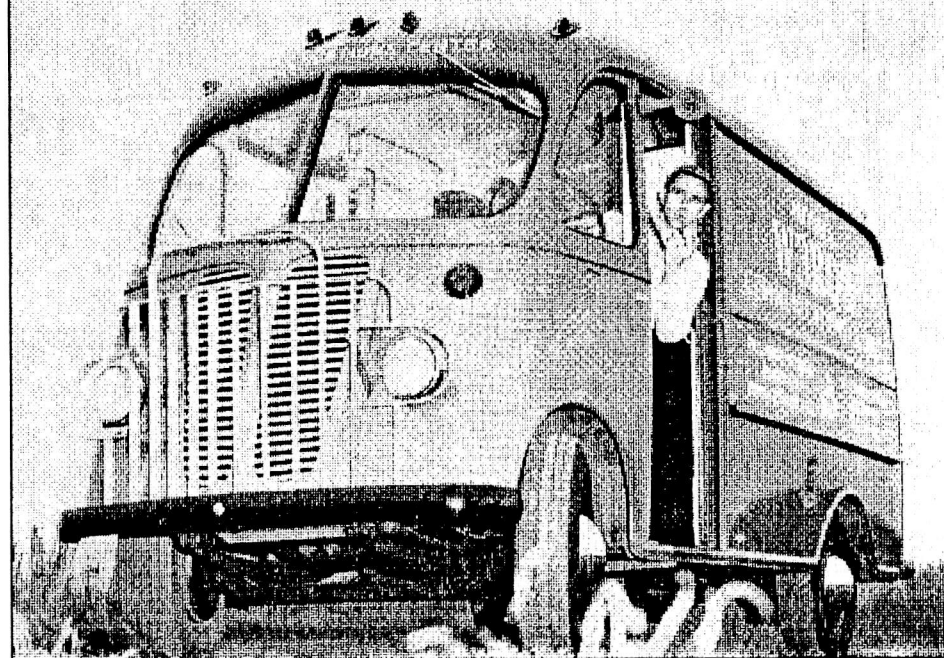
It's our station. Protect it from those who think otherwise.

'See you in September. In the meantime, I'll try, while traveling through Alaska, to send-in some interesting articles for your enjoyment.

MARCH
1957
50c

CQ

RADIO AMATEURS' JOURNAL



W3QQH with MO-COM #2—1956-1964

1993

JUNE

1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 CODE PRACTICE NET at 8 PM N3ALW <i>Hurricane Season Begins</i>	2 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 PM Meeting starts after 7:30	3 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 PM <i>sharp!</i>		
6 2M NCS NS3Y 10M NCS W3HFX 75M NCS W3PWG CoreStates Bike Race	7	8 CODE PRACTICE NET at 8 PM W3RM	9	10	11	12
13 2M NCS N3KGG 10M NCS W3HFX 75M NCS AA3CH <i>Children's Day</i>	14  <i>Flag Day</i>	15 CODE PRACTICE NET RESUMES IN SEPTEMBER	16 DIRECTORS' MEETING at W3BBB's	17	18	19
20 2M NCS N3NRU 10M NCS W3HFX 75M NCS AA2FU <i>Fathers' Day</i>	21 <i>Summer Solstice</i>	22	23	24	25	26 <i>"Field Day" Begins</i>
27 2M NCS KB3IV 10M NCS W3HFX 75M NCS NEEDED <i>"Field Day" Ends</i>	28	29	30  OPERATORS' NET at 8 PM		Marriage is a covered dish.	